

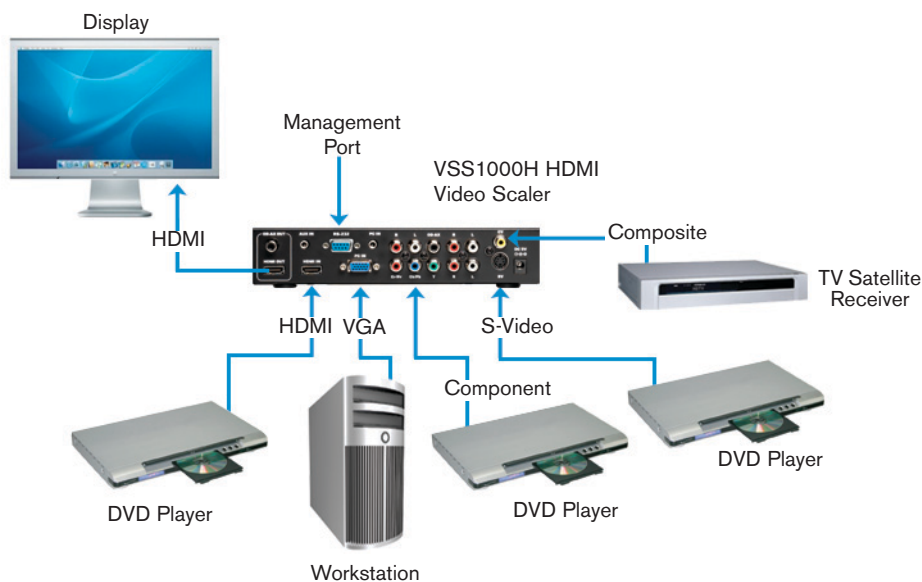
Emerge® VSS1000H HDMI

Video Scaler



Upscales to HDMI

The Avocent Emerge VSS1000H HDMI video scaler is a high bandwidth, professional quality product that accepts HDMI signals, DVI signals (via DVI to HDMI cable), PC generated RGB signals (up to WUXGA), HD component signals (YPbPr/YCbCr, 480i up to 1080p), s-video and composite video signals as valid inputs. It scales these signals to provide a fully compliant HDMI output with up to 1080p resolution. The scaling engine processes the selected input signal and delivers an HDMI output that is compliant with version 1.2 protocols. An integrated HDMI/DVI/HDCP receiver is central to the processor along with 3-D motion adaptive deinterlacers. With 3:2 pull-down, 2:2 pull-down detection and recovery; and 3-D noise reduction these features complete the superior video signal processing capability. Audio inputs are provided for all sources and follow the video input selected. The HDMI output had embedded audio. An additional SPDIF audio output is provided for ease of connection to existing audio systems. Both digital and analog audio processing is supported and audio delays of up to 150ms can be introduced to insure lip sync. The VSS1000H may be operated from the front panel buttons or via the supplied infrared remote control. An On Screen Display (OSD) makes operation of the scaler fast and simple.



KEY FEATURES AND TECHNICAL SPECIFICATIONS

- **HDMI and DVI Input Resolutions to 1080p**
- **HDMI Single Link, 1.65Gbps**
- **Accepts and Processes HDCP Compliant Signal**
- **Both YPbPr and YCbCr HDTV Inputs Supported**
- **SV and CV Inputs supported**
- **PC RGB inputs to WUXGA@60Hz**
- **Both Analog and Digital Audio Capable**
- **Audio Delay Encoding System**
- **3-D Motion Adaptive De-Interlace**
- **3-D Noise Reduction**
- **3:2 Pull-Down w/2:2 Pull-Down Recovery**
- **2 Tier OSD (On Screen Display)**
- **Front Panel or Infrared Remote Control**
- **PC, Component and HDMI Cables Included**
- **Size: 1.7" (47 mm), 8.5" (215 mm), 6.05" (154 mm)**
- **Weight: 2.2 lbs (1 kg)**

Ordering Details

Part Number	Description
VSS1000H	Upscaler to HDMI